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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: D. James Surmeier, *et al.*
Serial No.: 10/761,557
Filed: 01/21/2004
Entitled: **Manipulation of Neuronal Ion Channels**

Group No.: 1635
Examiner: Chong

AMENDMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

<p align="center">CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)(1)(i)(A)</p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Date: November 21, 2005 By: <i>Mary Ellen Waite</i> Mary Ellen Waite</p>
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Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
Total Claims	3	—	16	0	X	\$50.00	\$0.00
Independent Claims	1	—	4	0	X	\$200.00	\$0.00

TOTAL DUE: \$0.00

1. No fee is due at this time.
2. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, and/or credit any overpayment, to **Deposit Account No. 08-1290**. An **originally executed duplicate of this transmittal is enclosed for this purpose.**

Date: November 21, 2005

Tanya A. Arenson

Tanya A. Arenson
Registration No. 47,391

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
608/218-6900



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**RESPONSE TO OFFICE ACTION MAILED
AUGUST 24, 2005**

Mail Stop Non-Fee Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Date: November 21, 2005

By: 

Mary Ellen Waite

Examiner Chong:

This communication is responsive to the Office Action mailed 8/24/05. Applicants respectfully request reconsideration of the application in view of the following amendments and remarks.